

WHAT IS CLAIMED IS:

1. A rolled paper conveying apparatus for conveying paper of a first rolled paper provided on a core, said apparatus comprising:

a holding device configured to rotatably support the first rolled paper, said holding device being configured to enable movement of the first rolled paper from a first position on said holding device to a second position on said holding device; and

a first detector configured to detect whether the core of the first rolled paper has moved from said first position to said second position.

2. The rolled paper conveying apparatus of claim 1, further comprising a return member configured to return the core of the first rolled paper from said second position to said first position.

3. The rolled paper conveying apparatus of claim 1, wherein said first detector comprises a photo sensor.

4. The rolled paper conveying apparatus of claim 3, wherein said photo sensor comprises:

a light emitting portion emitting a light to said first position; and

a light receiving portion configured to receive light from said light emitting portion that is reflected by the first rolled paper if the first rolled paper is located in the first position.

5. The rolled paper conveying apparatus of claim 4, wherein said light emitting portion is arranged adjacent to said first position so as to emit light to a path along which the first rolled paper moves from said first portion to said second portion.

6. The rolled paper conveying apparatus of claim 1, further comprising a means for controlling a feed of the first rolled paper along a path such that when the first rolled paper is cut based upon a detection result of said first detector, then a first portion of the first rolled paper forward of the cut is further conveyed and a second portion of the first rolled paper rearward of the cut is stopped.

7. The rolled paper conveying apparatus of claim 6, wherein said control means conveys the second portion of the first rolled paper after conveyance of the first portion of the first rolled paper is stopped.

8. The rolled paper conveying apparatus of claim 7, wherein said control means is configured to allow movement of the first rolled paper on the path after stopping conveyance of the first portion of the first rolled paper.

9. The rolled paper conveying apparatus of claim 1, wherein said holding device is configured to rotatably support a second rolled paper, said apparatus further comprising:

a second detector configured to detect paper on a conveyance path; and

a switching device configured to switch between conveyance of the first rolled paper

and the second rolled paper.

10. The rolled paper conveying apparatus of claim 9, wherein said switching device is configured to convey the second rolled paper when said second detector detects no paper from the first rolled paper on the conveyance path

11. The rolled paper conveying apparatus of claim 1, further comprising a means for providing a message advising a user when the first rolled paper has moved from said first position to said second position.

12. The rolled paper conveying apparatus of claim 1, wherein said holding device further comprises a depressed portion configured to store the core of the first rolled paper.